

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	1,4-dicylopropyl-1,3-butadiyne	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/12 11:29
S2	70	1,3-butadiyne	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/11 16:56
S3	1	1,4-substituted-1,3-butadiyne	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/11 16:56
S4	2	"7083690"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/11 18:04
S5	78	585/534	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/12 11:29
S6	29	585/505	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/12 11:29

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	1,4-dicylopropyl-1,3-butadiyne	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/12 11:29
S2	70	1,3-butadiyne	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/11 16:56
S3	1	1,4-substituted-1,3-butadiyne	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/11 16:56
S4	2	"7083690"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/11 18:04
S5	78	585/534	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/12 11:29
S6	29	585/505	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/12 11:29

CAS ONLINE PRINTOUT

=> d his

(FILE 'HOME' ENTERED AT 07:54:09 ON 12 SEP 2006)

FILE 'CASREACT' ENTERED AT 07:54:19 ON 12 SEP 2006

L1 STRUCTURE UPLOADED

L2 3 S L1 FUL

FILE 'CAPLUS' ENTERED AT 07:54:50 ON 12 SEP 2006

L3 3 S L2

FILE 'CASREACT' ENTERED AT 07:56:02 ON 12 SEP 2006

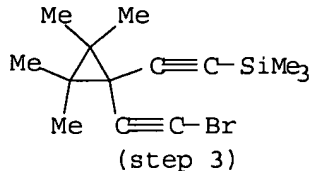
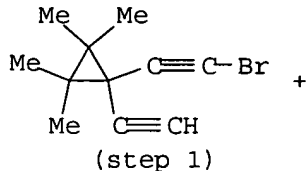
FILE 'CASREACT' ENTERED AT 07:59:32 ON 12 SEP 2006

=> d cbib fcrd 12 1-3

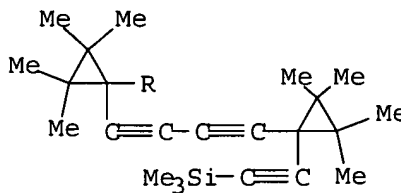
L2 ANSWER 1 OF 3 CASREACT COPYRIGHT 2006 ACS on STN

138:55672 Completely spirocyclopropanated macrocyclic oligodiacetylenes and their permethylated analogues: preparation and properties. De Meijere, Armin; Kozhushkov, Sergei I. (Institut fur Organische Chemie der Georg-August-Universitat Gottingen, Gottingen, 37077, Germany). Chemistry--A European Journal, 8(14), 3195-3202 (English) 2002. CODEN: CEUJED. ISSN: 0947-6539. Publisher: Wiley-VCH Verlag GmbH.

RX(5) OF 157



1. MeLi, Et2O
2. CuCl, DMF
3. Pyridine, THF



NOTE: safety and explosion in second stage

CON: STAGE(1) 30 minutes, 0 deg C; 30 minutes, 0 deg C

STAGE(2) -20 deg C; 2 hours, 0 deg C

STAGE(3) 2 hours, 0 deg C; 3 hours, 20 deg C

CAS ONLINE PRINTOUT

L2 ANSWER 2 OF 3 CASREACT COPYRIGHT 2006 ACS on STN

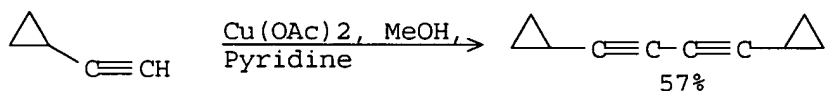
123:111642 Fullerene-acetylene hybrids: path to new synthetic molecular carbon allotropes. Anderson, Harry L.; Faust, Ruediger; Rubin, Yves; Diederich, Francois (Lab. Organische Chem., ETH Zentrum Univ., Zurich, CH-8092, Switz.). Angewandte Chemie, 106(13), 1427-9 (German) 1994. CODEN: ANCEAD. ISSN: 0044-8249. Publisher: VCH.

RX(2) OF 5 - REACTION DIAGRAM NOT AVAILABLE

L2 ANSWER 3 OF 3 CASREACT COPYRIGHT 2006 ACS on STN

114:206627 Cyclynes. 9. Regioselective coupling of ethynylcyclopropane units: hexaspiro[2.0.2.4.2.0.2.4.2.0.2.4]triaconta-7,9,17,19,27,29-hexayne. De Meijere, Armin; Jaekel, Frank; Simon, Arndt; Borrmann, Horst; Koehler, Jurgen; Johnels, Dan; Scott, Lawrence T. (Inst. Org. Chem., Univ. Hamburg, Hamburg, D-2000/13, Germany). Journal of the American Chemical Society, 113(10), 3935-41 (English) 1991. CODEN: JACSAT. ISSN: 0002-7863.

RX(2) OF 21



=>